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(71) Applicant: **International Business Machines Corporation**  
**Old Orchard Road**

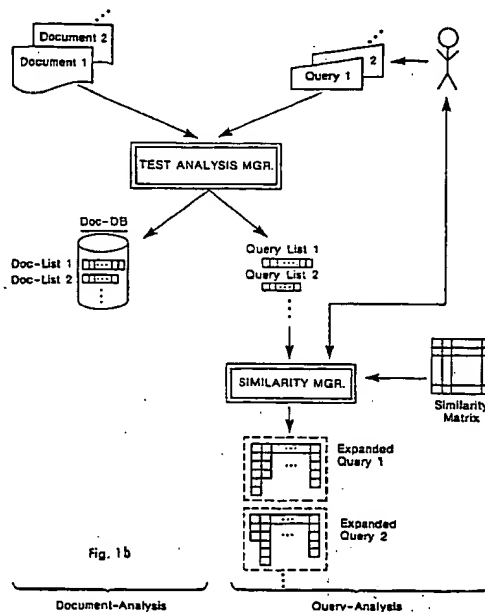
**Armonk, N.Y. 10504(US)**

(72) Inventor: **Barbic, Federico, NMN**  
**Via Porta Depinta 26**  
**I-24100 Bergamo(IT)**  
Inventor: **Choy, David Mun-Hien**  
**1300 Bright Oaks Court**  
**Los Altos California 94022(US)**

(74) Representative: **Johansson, Lars E.**  
**IBM Svenska AB Intellectual Property**  
**Department 4-01**  
**S-163 92 Stockholm(SE)**

### (54) Text search system.

(57) In a searching for library documents that match the content of a given sequence of query words, a set of equivalent words are defined for each query word along with a corresponding word equivalence value assigned to each equivalent word. Target sequences of words in a library document which match the sequence of query words are located according to a set of matching criteria. The similarity value of each target sequence is evaluated as a function of the corresponding equivalence values of words included therein. Based upon the similarity values of its target sequences, a relevance factor is then obtained for each library document.



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## EUROPEAN SEARCH REPORT

Application Number

EP 88 30 7160

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	SYSTEMS, COMPUTERS, CONTROLS. vol. 10, no. 2, 1979, WASHINGTON US pages 76 - 85; HIROYUKI KAJI AND YOSHIHIKO NITTA: 'a fuzzy model of a document retrieval system and its implementation' * page 76, column 2, line 11 - column 2, line 60 *	1-10	G06F15/40
X	COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 29, no. 7, July 1986, NEW YORK US pages 648 - 656; GERARD SALTON: 'another look at automatic text-retrieval systems' * page 649, column 1, line 27 - column 2, line 6 *	1-10	
A	EP-A-0 075 903 (SYSTEM DEVELOPMENT CORPORATION) * abstract; claim 1 *	1,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G06F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 MARCH 1992	Examiner SUENDERMAN R. O.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		I: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons A: member of the same patent family, corresponding document	